



**HORIBA ABX SAS**

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 Parc Euromédecine  
 Rue du Caducée - BP 7290  
 34184 MONTPELLIER Cedex 4  
 FRANCE  
 Tél.: 33 (0) 4 67 14 15 16  
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**LOT**

**MX 014 L**

**CONTROL L**



**2014-04-05**  
(YYYY - MM - DD)

Rev 1

PARAMETRES PARAMETERS	UNITES UNITS	ABX Lyse									TOLERANCES TOLERANCE
		MICROS	MICROS	MICROS	MICROS	MICROS	ARGOS - HELIOS	PENTRA	PENTRA	PENTRA	
		ES60 Care ST	CRP CRP 200	8P	18P	60 8P - 60 18P ADVIA 60		60 60 C+ ES60	80 XL80	120 - 120 RETIC DF120 - DX120	
GB WBC	10 <sup>9</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l	2.1	2.0	2.0	2.0	2.0		2.0	2.0		± 0.4
GR RBC	10 <sup>6</sup> /mm <sup>3</sup> ; 10 <sup>12</sup> /l	2.33	2.32	2.35	2.35	2.34		2.37	2.32		± 0.15
HB HGB	g/dl	6.1	6.0	5.9	6.0	6.0		5.9	5.9		± 0.4
	g/l	61	60	59	60	60		59	59		± 4
	mmol/l	3.79	3.73	3.66	3.73	3.73		3.66	3.66		± 0.25
HT HCT	%	16.3	16.0	16.5	16.5	16.4		16.4	16.5		± 2.0
	l/l	0.163	0.160	0.165	0.165	0.164		0.164	0.165		± 0.020
VGM MCV	µm <sup>3</sup> ; fl	70	69	70	70	70		69	71		± 4
TGMH MCH	pg	26.2	25.9	25.1	25.5	25.6		24.9	25.4		± 2.0
	fmol	1.63	1.61	1.56	1.59	1.59		1.55	1.58		± 0.12
CCMH MCHC	g/dl	37.4	37.5	35.9	36.5	36.6		36.1	35.8		± 3.0
	g/l	374	375	359	365	366		361	358		± 30
	mmol/l	23.23	23.28	22.27	22.65	22.75		22.41	22.24		± 1.86
IDR RDW	%	14.0	13.7	N/A	13.5	13.6		15.5	15.8		± 3.0
PLAQ. PLTS	10 <sup>3</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l	74	74	65	75	75		* 70	* 68		± 20   *± 22
VPM MPV	µm <sup>3</sup> ; fl	8.5	8.3	N/A	8.6	7.7		10.0	10.0		± 2.0
LYMPHO	#	1.33	1.30	N/A	1.00	1.27		N/A	N/A		± 0.40
	%	63.5	65.0	N/A	50.0	63.5		N/A	N/A		± 7.0
MONO	#	0.20	0.20	N/A	0.34	0.20		N/A	N/A		± 0.20
	%	9.5	10.0	N/A	17.0	10.0		N/A	N/A		± 6.0
GRANULO	#	0.57	0.50	N/A	0.66	0.53		N/A	N/A		± 0.40
	%	27.0	25.0	N/A	33.0	26.5		N/A	N/A		± 7.0

\* For ABX Pentra 60 Pentra 80 instruments only



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**LOT** MX 014 N  
 Rev 1

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(Exp.)

**2014-04-05**  
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PARAMETRES PARAMETERS	UNITES UNITS	ABX Lyse									TOLERANCES TOLERANCE
		MICROS	MICROS	MICROS	MICROS	MICROS	ARGOS - HELIOS	PENTRA	PENTRA	PENTRA	
		ES60 Care ST	CRP CRP 200	8P	18P	60 8P - 60 18P ADVIA 60		60 60 C+ ES60	80 XL80	120 - 120 RETIC DF120 - DX120	
GB WBC	10 <sup>9</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l	7.7	7.6	7.4	7.5	7.5		7.7	7.7		± 0.8
GR RBC	10 <sup>6</sup> /mm <sup>3</sup> ; 10 <sup>12</sup> /l	4.62	4.60	4.63	4.62	4.64		4.65	4.60		± 0.18
HB HGB	g/dl	13.6	13.4	13.4	13.6	13.5		13.5	13.5		± 0.5
	g/l	136	134	134	136	135		135	135		± 5
	mmol/l	8.45	8.32	8.32	8.45	8.38		8.38	8.38		± 0.31
HT HCT	%	37.4	37.3	37.5	37.9	37.6		37.2	37.3		± 2.5
	l/l	0.374	0.373	0.375	0.379	0.376		0.372	0.373		± 0.025
VGM MCV	µm <sup>3</sup> ; fl	81	81	81	82	81		80	81		± 4
TGMH MCH	pg	29.4	29.1	28.9	29.4	29.1		29.0	29.3		± 2.0
	fmol	1.83	1.81	1.80	1.83	1.81		1.80	1.82		± 0.12
CCMH MCHC	g/dl	36.3	36.0	35.7	35.9	35.9		36.3	36.2		± 3.0
	g/l	363	360	357	359	359		363	362		± 30
	mmol/l	22.57	22.33	22.19	22.29	22.31		22.54	22.50		± 1.86
IDR RDW	%	13.5	13.0	N/A	13.5	13.8		13.7	15.0		± 3.0
PLAQ. PLTS	10 <sup>3</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l	244	237	238	248	244		* 240	* 243		± 40   *± 40
VPM MPV	µm <sup>3</sup> ; fl	8.2	7.9	N/A	8.2	7.5		9.1	9.3		± 2.0
LYMPHO	#	2.54	2.48	N/A	1.95	2.44		N/A	N/A		± 0.40
	%	33.0	32.6	N/A	26.0	32.5		N/A	N/A		± 5.0
MONO	#	0.46	0.53	N/A	0.64	0.49		N/A	N/A		± 0.30
	%	6.0	7.0	N/A	8.5	6.5		N/A	N/A		± 4.0
GRANULO	#	4.70	4.59	N/A	4.91	4.58		N/A	N/A		± 0.60
	%	61.0	60.4	N/A	65.5	61.0		N/A	N/A		± 6.0

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Ref: TEMP-0630 Rev.34 FRONT / RECTO 9930064-A



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**MX 014 H**

**CONTROL H**

(Exp.)

**2014-04-05**  
 (YYYY - MM - DD)

Rev 1

PARAMETRES PARAMETERS	UNITES UNITS	ABX Lyse									TOLERANCES TOLERANCE
		MICROS	MICROS	MICROS	MICROS	MICROS	ARGOS - HELIOS	PENTRA	PENTRA	PENTRA	
		ES60 Care ST	CRP CRP 200	8P	18P	60 8P - 60 18P ADVIA 60		60 60 C+ ES60	80 XL80	120 - 120 RETIC DF120 - DX120	
GB WBC	10 <sup>9</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l	<b>20.6</b>	<b>20.3</b>	<b>19.6</b>	<b>20.1</b>	<b>20.1</b>		<b>21.4</b>	<b>20.9</b>		± 2.0
GR RBC	10 <sup>6</sup> /mm <sup>3</sup> ; 10 <sup>12</sup> /l	<b>5.73</b>	<b>5.66</b>	<b>5.66</b>	<b>5.68</b>	<b>5.73</b>		<b>5.70</b>	<b>5.70</b>		± 0.20
HB HGB	g/dl	<b>18.0</b>	<b>17.7</b>	<b>17.6</b>	<b>18.0</b>	<b>17.9</b>		<b>18.0</b>	<b>17.8</b>		± 0.6
	g/l	<b>180</b>	<b>177</b>	<b>176</b>	<b>180</b>	<b>179</b>		<b>180</b>	<b>178</b>		± 6
	mmol/l	<b>11.18</b>	<b>10.99</b>	<b>10.93</b>	<b>11.18</b>	<b>11.12</b>		<b>11.18</b>	<b>11.05</b>		± 0.37
HT HCT	%	<b>50.4</b>	<b>49.2</b>	<b>49.8</b>	<b>50.6</b>	<b>50.4</b>		<b>49.6</b>	<b>49.0</b>		± 3.0
	l/l	<b>0.504</b>	<b>0.492</b>	<b>0.498</b>	<b>0.506</b>	<b>0.504</b>		<b>0.496</b>	<b>0.490</b>		± 0.030
VGM MCV	µm <sup>3</sup> ; fl	<b>88</b>	<b>87</b>	<b>88</b>	<b>89</b>	<b>88</b>		<b>87</b>	<b>86</b>		± 4
TGMH MCH	pg	<b>31.4</b>	<b>31.3</b>	<b>31.1</b>	<b>31.7</b>	<b>31.2</b>		<b>31.6</b>	<b>31.2</b>		± 2.0
	fmol	<b>1.95</b>	<b>1.94</b>	<b>1.93</b>	<b>1.97</b>	<b>1.94</b>		<b>1.96</b>	<b>1.94</b>		± 0.12
CCMH MCHC	g/dl	<b>35.7</b>	<b>35.9</b>	<b>35.3</b>	<b>35.6</b>	<b>35.5</b>		<b>36.3</b>	<b>36.3</b>		± 3.0
	g/l	<b>357</b>	<b>359</b>	<b>353</b>	<b>356</b>	<b>355</b>		<b>363</b>	<b>363</b>		± 30
	mmol/l	<b>22.17</b>	<b>22.32</b>	<b>21.94</b>	<b>22.11</b>	<b>22.04</b>		<b>22.54</b>	<b>22.55</b>		± 1.86
IDR RDW	%	<b>13.0</b>	<b>12.7</b>	N/A	<b>13.5</b>	<b>13.2</b>		<b>13.0</b>	<b>14.2</b>		± 3.0
PLAQ. PLTS	10 <sup>3</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l	<b>530</b>	<b>520</b>	<b>540</b>	<b>550</b>	<b>530</b>		<b>* 530</b>	<b>* 550</b>		± 45   ± 55
VPM MPV	µm <sup>3</sup> ; fl	<b>8.0</b>	<b>7.7</b>	N/A	<b>8.0</b>	<b>7.4</b>		<b>8.8</b>	<b>8.9</b>		± 2.0
LYMPHO	#	<b>3.09</b>	<b>2.96</b>	N/A	<b>2.41</b>	<b>2.91</b>		N/A	N/A		± 1.00
	%	<b>15.0</b>	<b>14.6</b>	N/A	<b>12.0</b>	<b>14.5</b>		N/A	N/A		± 5.0
MONO	#	<b>1.13</b>	<b>1.22</b>	N/A	<b>0.80</b>	<b>1.11</b>		N/A	N/A		± 0.80
	%	<b>5.5</b>	<b>6.0</b>	N/A	<b>4.0</b>	<b>5.5</b>		N/A	N/A		± 4.0
GRANULO	#	<b>16.38</b>	<b>16.12</b>	N/A	<b>16.88</b>	<b>16.08</b>		N/A	N/A		± 1.40
	%	<b>79.5</b>	<b>79.4</b>	N/A	<b>84.0</b>	<b>80.0</b>		N/A	N/A		± 7.0

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